

SERVICE MANUAL

**DATSUN PICK-UP
MODEL 620 SERIES
CHASSIS & BODY**



NISSAN MOTOR CO., LTD.
TOKYO, JAPAN

SECTION GI

GI

GENERAL INFORMATION

GENERAL INFORMATION GI- 3

GENERAL INFORMATION

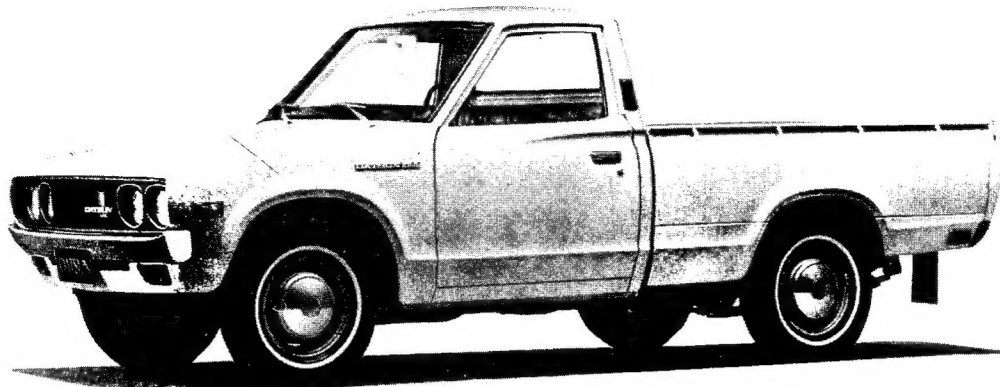


Fig. GI-1 Front view of Datsun Pick-up

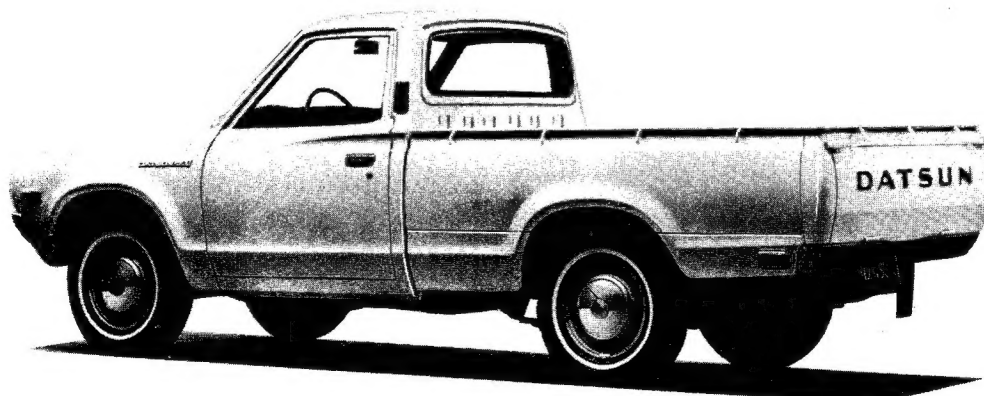


Fig. GI-2 Rear view of Datsun Pick-up

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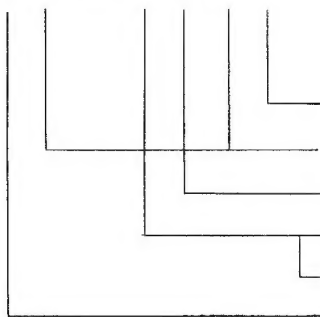
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MODEL VARIATION

Model	Engine	Payload kg (lb)	Transmission type and model	Differential carrier		Remarks
				Model	Gear ratio	
PL620TU	L16	500 (1,100)	Manual	H190	4.375	for U.S.A. & Canada
PL620TUH			F4W63L			for Puerto Rico, Guam and U.N.T.T.
PL620KTU			Automatic		4.625	for U.S.A. & Canada
PL620KTUH			3N71B			for Puerto Rico, Guam and U.N.T.T.

The meaning of prefix and suffix

P L 620 K T U H



- H : Without heater
- L-U : Destined for U.S.A. and Canada
- T : Floor shift vehicle
- K : Automatic transmission
- : Manual transmission
- P : Equipped with L16 engine

Note: □ means no indication.

IDENTIFICATION NUMBERS

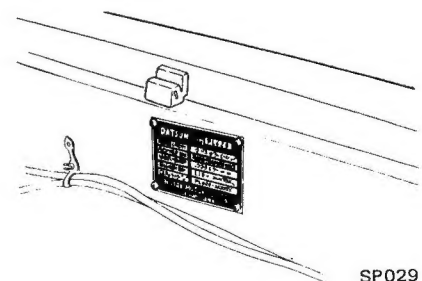
The unit and car numbers are stamped at the factory and are registered by the company. The engine

and vehicle identification numbers are entered in legal documents. These numbers are used as the basis for preparing the technical report, warranty claim sheet and other similar service and technical information.

GI-3

Model number plate

The model number plate is located at the hood ledge in the engine room. The plate gives the vehicle type, engine capacity, maximum engine horsepower, wheelbase, engine number and car serial numbers.



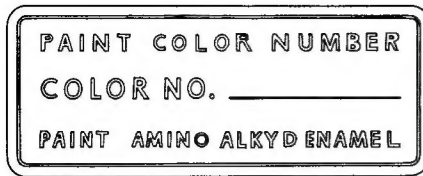
SP029

Fig. GI-3 Model number plate location

Color number plate

The color number plate is stamped on the top face of radiator core support.

GENERAL INFORMATION

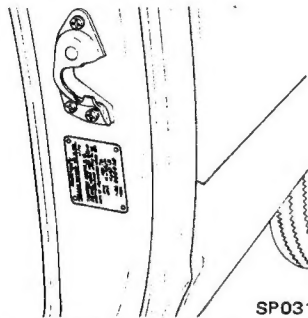


GI002

Fig. GI-4 Color number plate

M.V.S.S. certification plate

The certification plate is located at the driver side lock pillar.



SP031

Fig. GI-5 M.V.S.S. certification plate location

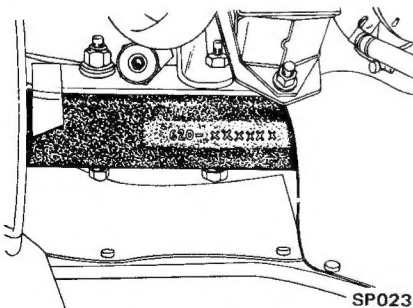
Chassis number

The chassis number is located on the upper face of the right side member. The number is identified by the following figures as a serial number.

PL620 - XXXXXX

Serial number

Vehicle model



SP023

Fig. GI-6 Chassis number location

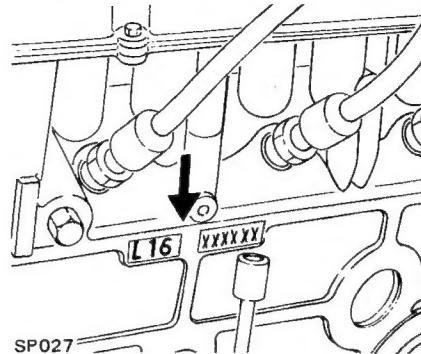
Engine number

The engine serial number is stamped on the right-hand side of the cylinder block.

L16 - XXXXXX

Serial number

Engine model



SP027

Fig. GI-7 Engine serial number location

Manual transmission number

The transmission serial number is stamped on the front upper face of transmission case.

(Numbering system)

X X XX XXX

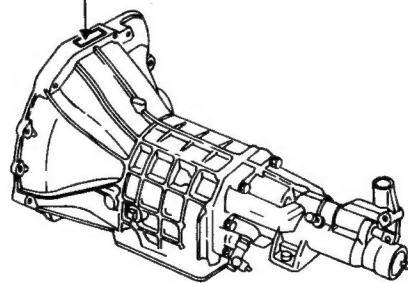
Serial number (daily)

Date of manufacture

Month of manufacture (1, 2, ... 9, X, Y, Z)

Last figure of year of manufacture

Unit number



GI068

Fig. GI-8 Manual transmission number location

Automatic transmission number

The transmission serial number is stamped on the right-hand side of transmission case.

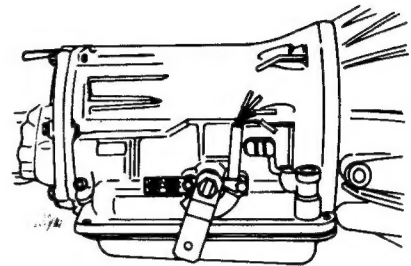
(Numbering system)

X X XXXXX

Serial number (monthly)

Month of manufacture (1, 2, ... 9, X, Y, Z)

Last figure of year of manufacture



AT057

Fig. GI-9 Automatic transmission number location

Steering gear, Front axle and Rear axle number

The steering gear, front axle and rear axle numbers are stamped on each unit of the vehicle.

These unit numbers are stamped as a lot number of production.

(Location)

Steering gear: On top of gear box
Front axle: On front face of right and left lower arm

Rear axle: On rear cover of rear axle case

(Numbering system)

X X XX X

Line shift, etc. (daily)

Date of manufacture

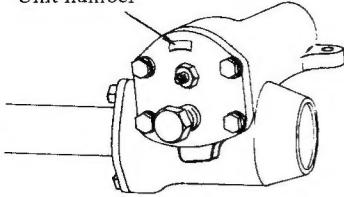
Month of manufacture (1, 2, ... 9, X, Y, Z)

Last figure of year of manufacture

(Numbering system)

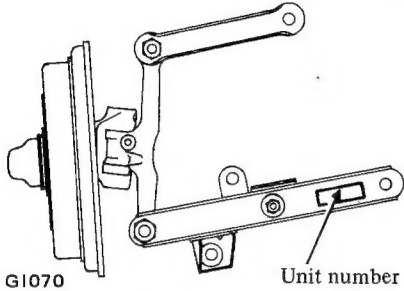
GENERAL INFORMATION

Unit number



GI069

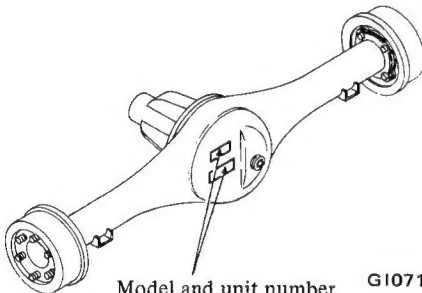
Fig. GI-10 Steering gear box number location



GI070

Unit number

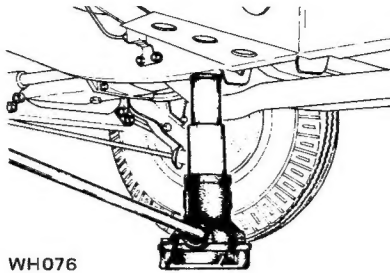
Fig. GI-11 Front axle number location



Model and unit number GI071

Fig. GI-12 Rear axle number location

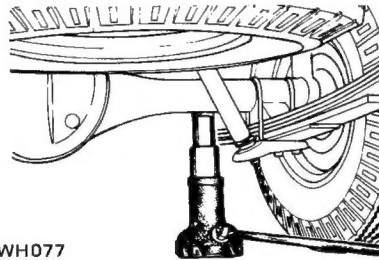
When jacking up the front side, place a screw jack under side frame [about 520 mm (20.5 in) at rear of front axle center].



WH076

Fig. GI-13 Front lifting point

When jacking up the rear side, place a screw jack under rear axle case close to the side of rear spring.

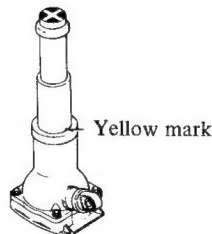


WH077

Fig. GI-14 Rear lifting point

Notes:

- When the yellow mark appears on the screw jack, it indicates the maximum permissible height. Do not jack up further.
- When the jack is at lower limit, do not add large force downward.



Yellow mark

WH080

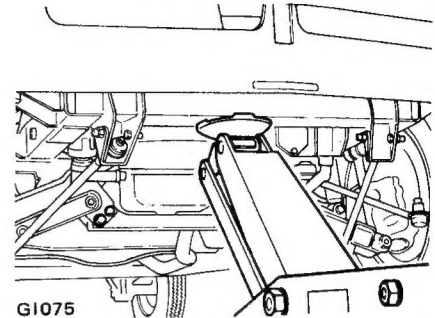
Fig. GI-15 Warning against over-stroke

Garage jack

Note: When carrying out operations with a garage jack, be sure to support the vehicle with stands in a safe manner.

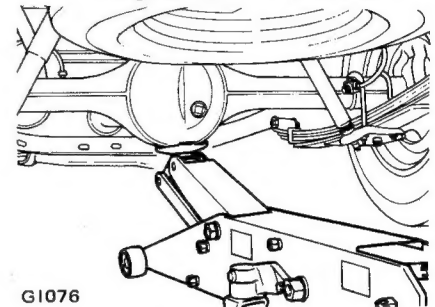
When jacking up the front end, apply garage jack to front cross-member or center portion of suspension member.

When jacking up the rear end, apply the jack to rear axle case.



GI075

Fig. GI-16 Front lifting point



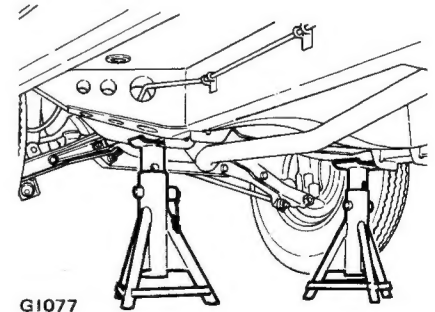
GI076

Fig. GI-17 Rear lifting point

Supportable points

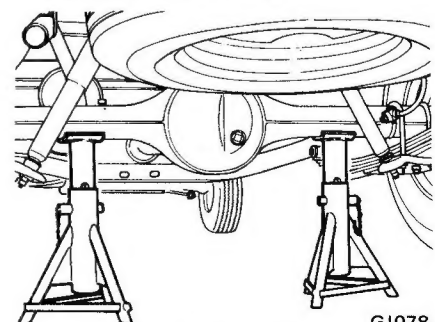
The front supportable points are under frame side member.

The rear supportable points are under rear axle case.



GI077

Fig. GI-18 Front supportable points



GI078

Fig. GI-19 Rear supportable points

LIFTING POINTS AND TOWING

Lifting points

Screw jack

Before using the jack, proceed as follows:

Apply parking brake firmly and block rear wheels if the front of the vehicle is to be raised.

Notes:

- Never get under the vehicle while it is supported only by the jack. Always use safety stands to support frame or rear axle case when you have to get beneath the vehicle.
- In no event should the jack be applied to any points except the following specified portions.

GENERAL INFORMATION

Towing

When the vehicle is to be towed forward, connect a rope securely to tension rod bracket. Before towing, make sure the parking brake is released.

To tow another car, connect the rope to rear leaf spring shackle.

Notes:

- A towing rope should not be connected to any position other than as described above.
- Avoid applying load suddenly to a towing rope, as it may cause damage.

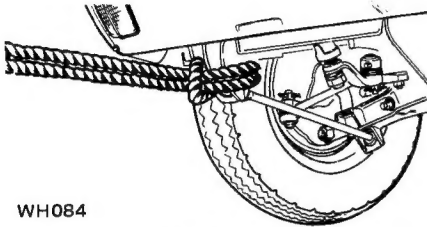


Fig. G1-20 Front towing point

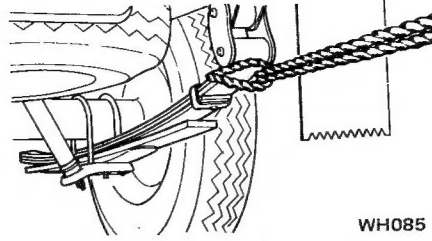


Fig. G1-21 Rear towing point

Manual transmission

Before towing, make sure the transmission is in neutral gear.

If the rear axle or transmission is inoperative, the vehicle should be towed with its rear wheels off the ground, or the propeller shaft must be removed.

Automatic transmission

When the vehicle is towed on its rear wheels, make sure the trans-

mission is in "N" (Neutral) position. Don't exceed 30 km/h (20 MPH) and a distance of 10 km (6 miles). If the rear axle or transmission is inoperative, or if the speed exceeds the above conditions, the vehicle must be towed with its rear wheels off the ground, or the propeller shaft must be removed.

Note: When the vehicle is towed with its front wheels on the ground, the steering wheel should be secured to maintain a straight ahead position.

Tie-down

The front tie-down hook is located under the 1st crossmember. This tie-down hook is secured in place with bolts to the bracket that is welded on the underside of the 1st crossmember.

For rear tie-down, the rear leaf spring shackle should be used.

APPROXIMATE REFILL CAPACITY

		Liter	U.S. measure	Imper. measure
Fuel tank		45 l	11 $\frac{3}{8}$ gal.	9 $\frac{3}{8}$ gal.
Cooling system	With heater	5.4 l	1 $\frac{3}{8}$ gal.	1 $\frac{1}{2}$ gal.
	Without heater	6.0 l	1 $\frac{5}{8}$ gal.	1 $\frac{3}{4}$ gal.
Engine lubrication system		4.3 l	4 $\frac{1}{2}$ qts.	3 $\frac{3}{4}$ qts.
Oil pan		3.8 l	4 qts.	3 $\frac{3}{8}$ qts.
Manual transmission		1.7 l	3 $\frac{5}{8}$ pts.	3 pts.
Automatic transmission		5.5 l	1 $\frac{1}{2}$ gal.	1 $\frac{1}{4}$ gal.
Steering gear box		0.33 l	$\frac{3}{4}$ pt.	$\frac{5}{8}$ pt.
Differential carrier		1.0 l	2 $\frac{1}{8}$ pts.	1 $\frac{3}{4}$ pts.

GENERAL INFORMATION

RECOMMENDED FUEL

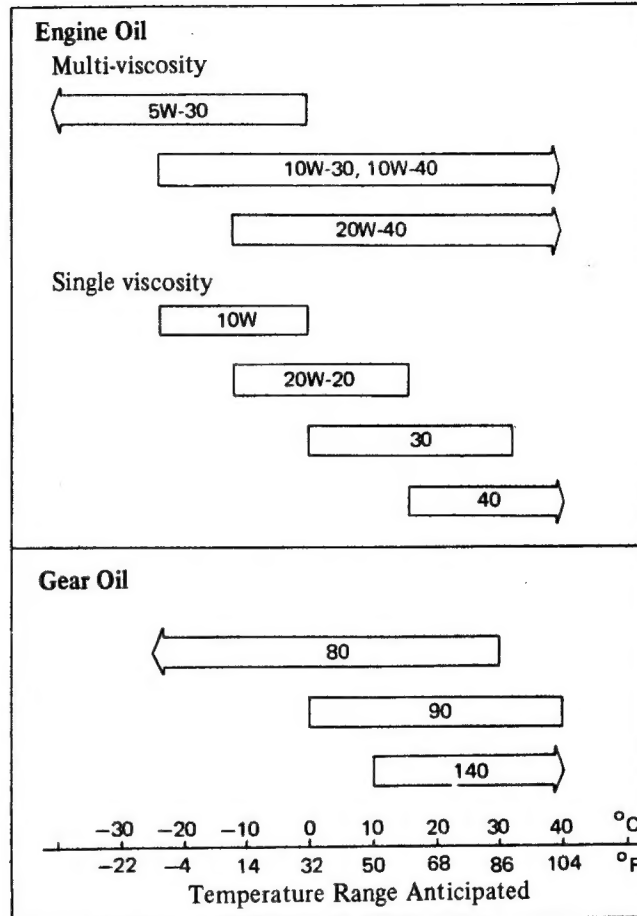
Use a no-lead or low-lead gasoline with a minimum octane rating of 87 the average of the Research and Motor

Octane Numbers in the U.S. When the figure is based on the Research Octane Number, use a gasoline with a

minimum octane rating of 91 (RON) in Canada.

RECOMMENDED LUBRICANTS

Recommended SAE viscosity number



Lubricant specifications

Item		Specifications	Remarks
Gasoline engine oil		SAE Classification SD or SE	Furthermore refer to SAE recommended viscosity table. See Page GI-7.
Gear oil	Transmission and steering	API GL-4	
	Differential	API GL-5	
Automatic T/M fluid		Type DEXRON	
Multipurpose grease		NLGI 2	Lithium soap base
Brake and clutch fluid		DOT 3	
Antifreeze			Permanent anti-freeze (Etylene glycol base)

GENERAL INFORMATION

NISSAN LONG LIFE COOLANT (L.L.C.)

The cooling system has been filled at factory with Long Life Coolant (L.L.C.) and water for all season protection. This coolant provides freezing protection to -15°C (-5°F) in a 30% Long Life Coolant ratio and also protects the engine against corrosion. If outside temperature falls down to -35°C (-31°F), fill a 50/50

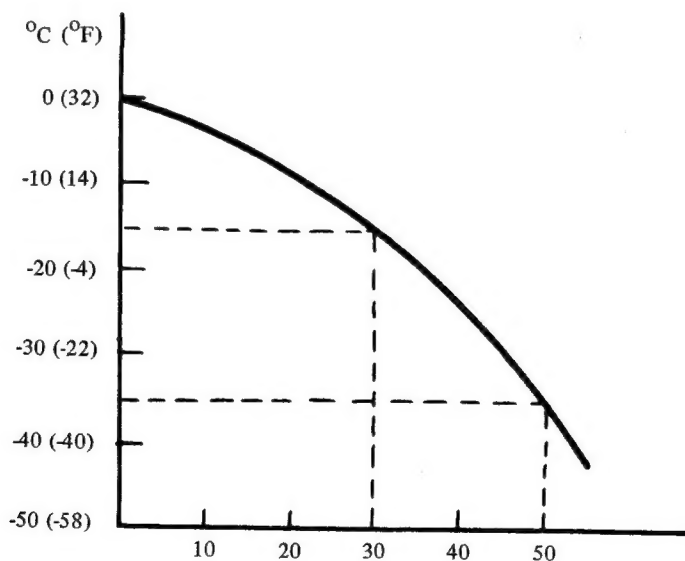
mixture of the Long Life Coolant and water. The Long Life Coolant is an ethylene glycol base product containing no glycerine, ethyl or methyl alcohol.

The Long Life Coolant must not be mixed with any other product. Scale or sediment accumulated in the water jacket or radiator may adversely affect

heat radiation efficiency.

When the coolant is changed, the system should be thoroughly flushed out by opening the two drain plugs, one at the bottom of the radiator and the other at the right side of the cylinder block until clean water comes out. Always use clean, soft water for filling the radiator.

Percent concentration	Boiling point		Freeze protection
	Sea level	0.9 kg/cm ² cooling system pressure	
30%	106°C (221°F)	124°C (255°F)	-15°C (5°F)
50%	109°C (228°F)	127°C (261°F)	-35°C (-31°F)



EG001

Fig. GI-22 Protection concentration